

COSMOS PUMPS

TECHNICAL DATASHEET

SUBMERSIBLE DEWATERING PUMP

Excellence in Motion

MODEL: CDW504UH

Sr.No	PARTICULAR	
1	MODEL	CDW504UH
2	MAX. DISCHARGE (lpm)	1156
3	TEMP DEG. C	40 deg C
4	SHUT OFF HEAD (m)	130
5	WEIGHT (Kg)	800
6	PUMP B.K.W. (KW)	37.3
7	MOTOR RATING (HP)	50
8	DISCHARGE SIZE	4"
9	SPEED	2900
10	TYPE OF IMPELLER	2-STAGE
11	SEALING	DUAL SiC vs SiC MECHANICAL + OIL SEAL
12	BEARINGS	
	i) BEARING TYPE	BALL BEARING
	ii) BEARING LUBRICATION	GREASE
	iii) BEARING LIFE	20000 - 25000 HRS.*
13	CABLE DETAILS	
	i) TYPE	PVC INSULATED, DOUBLE SHEATHED
	ii) POWER/CONTROL CABLE SIZE	AS PER 50 HP MOTOR RATING + 1 NOS x 4 CORE x 1.5 Sq.mm
	iii) LENGTH Mtr	CABLE 20m + 1m STEEL GRIP
	iv) MAKE	
14	MATERIAL OF CONSTRUCTION	
	i) PUMP / MOTOR BODY	CI FG 300
	ii) STATOR CASING	EXTRUDED ALUMINIUM ALLOY
	iii) IMPELLER	2-STAGE SS316
	iv) SHAFT	SS431
	v) DIFFUSER	NITRILE RUBBER MOULDED
	vi) MECH. SEAL	SiC vs SiC
	vii) HARDWARE, STRAINER	
15	MOTOR DETAILS	
	i) MAKE	COSMOS PUMPS
	ii) RATING	69 A
	iii) No. OF POLES	2
	iv) METHOD OF STARTING	DOL
	v) MOISTURE SENSOR	NO
	vi) ELECTRIC MOTOR TYPE	INDUCTION MOTOR
	vii) CLASS OF INSULATION	H CLASS
	viii) PROTECTION	THERMAL SENSOR IN STATOR
	ix) SPEED	
16	STATOR PANEL	
	i) MAKE	COSMOS PUMPS
	ii) PROTECTION RATING	IP62
	iii) AMPERE RATING	AS PER 50 HP DOL PANEL
	iv) SPECIFICATION & FEATURES	CATALOGUE ATTACHED

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